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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b> |   | ATTORNEY'S DOCKET NUMBER<br>62767 (51969)                              |
|   |   | U.S. APPLICATION NO. (If known, use 35 U.S.C. 1.5)<br><b>10/525390</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP2002/009402  | INTERNATIONAL FILING DATE<br>22 August 2002 | PRIORITY DATE CLAIMED  |
| TITLE OF INVENTION RECONFIGURATION OF A GROUP OF NETWORK NODES IN A WIRELESS AD-HOC NETWORK   |   |  |
| APPLICANT(S) FOR DO/EO/US Christian Prehofer, et al.  |   |  |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☒ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - ☐ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☒ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**


- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☒ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Copy of (PCT/IB/301); copy of (PCT/IB/332); copy of (PCT/IB/308); copy of (PCT/ISA/210); copy of (PCT/IPEA/416); copy of (PCT/IPEA/409); marked-up copy of substitute specification; Submission of Substitute Specification (Transmittal); copy of 7 sheets of Figs.; copy of Certificate of Express Mailing; and return receipt postcard.

PTO-1390 (Rev. 12-2004)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|  |                             |   |            |  |                 |
|--|-----------------------------|---|------------|--|-----------------|
| U.S. APPLICATION NO. <b>10/525390</b>  |                             | INTERNATIONAL APPLICATION NO.<br>PCT/EP2002/009402                            |            | ATTORNEY'S DOCKET NUMBER<br>62767 (51969)  |                 |
| 21. The following fees are submitted:  |                             |   |            | Applicant Use  | Office Use Only |
| <input checked="" type="checkbox"/>  | a) Basic national fee ..... | \$300.00  |            | \$ 300.00  |                 |
| <input checked="" type="checkbox"/>  | b) Examination fee .....    | \$200.00  |            | \$ 200.00  |                 |
| <input checked="" type="checkbox"/>  | c) Search fee .....         | \$500.00  |            | \$ 500.00  |                 |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                             |   |            | \$ 1,000.00  |                 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |                             |   |            |  |                 |
| Total Sheets   | Extra sheets                | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |  |                 |
| 43 - 100 =   | /50 =                       |   | x \$250.00 |  |                 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).  |                             |   |            | \$ 130.00  |                 |
| CLAIMS   | NUMBER FILED                | NUMBER EXTRA  | RATE       |  |                 |
| Total claims   | 22 - 20 =                   | 2   | x 50.00    | \$ 100.00  |                 |
| Independent claims   | 2 - 3 =                     |   | x          | \$ 0.00  |                 |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable)  |                             |   | +          | \$   |                 |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                             |   |            | \$ 1,230.00  |                 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |                             |   |            |  |                 |
| <b>SUBTOTAL =</b>  |                             |   |            | \$ 1,230.00  |                 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).   |                             |   |            | +  | \$              |
| <b>TOTAL NATIONAL FEE =</b>  |                             |   |            | \$ 1,230.00  |                 |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |                             |   |            | +  | \$              |
| <b>TOTAL FEES ENCLOSED =</b>   |                             |   |            | \$ 1,230.00  |                 |
| Amount to be refunded:   |                             |   |            |  | \$              |
| Amount to be charged:  |                             |   |            |  | \$              |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.   |                             |   |            |  |                 |
| b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>04-1105</u> in the amount of \$ <u>1,230.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.  |                             |   |            |  |                 |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-1105</u> . A duplicate copy of this sheet is enclosed.                            |                             |   |            |  |                 |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.        |                             |   |            |  |                 |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.   |                             |   |            |  |                 |
| SEND ALL CORRESPONDENCE TO:<br>John J. Penny<br>EDWARDS & ANGELL, LLP<br>P.O. Box 55874<br>Boston, Massachusetts 02205<br>(617) 439-4444<br>CUSTOMER NUMBER: 21874   |                             |   |            |  |                 |
|  |                             |   |            | SIGNATURE: <br>John J. Penny<br>NAME |                 |
|  |                             |   |            | 36,984<br>REGISTRATION NUMBER  |                 |

Application No. (if known): Not Yet Assigned

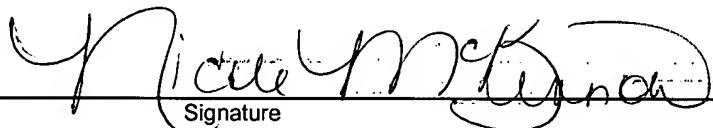
Attorney Docket No.: 62767 (51969)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 492340539 US in an envelope addressed to:

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Copy of (PCT/IPEA/416); Copy of (PCT/IPEA/409);  
Copy of Application Data Sheet (2 pages);  
Copy of the International application;  
Marked-up copy of substitute specification; clean version of substitute specification;  
Submission of Substitute Specification (Transmittal);  
7 sheets of Figs.;  
Transmittal Letter to the United States Designated-Elected Office (2 pages);  
First Preliminary Amendment (7 pages);  
Charge \$1,230.00 to deposit account 04-1105; and  
Return receipt postcard.